

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P13296D

(maximum 12 characters)

First Name and Inventor Michael KozhukhTitle: INTERCONNECT STRUCTURES IN A SEMICONDUCTOR DEVICE AND PROCESS OF FORMATIONExpress Mail Label No. EV336583774US

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

21906 US-PTO  
10/648950**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 24)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 10)**
5. ☒ **Oath or Declaration (Total Pages 5)**
  - a. ☐ Newly Executed (Original or Copy)
  - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i. ☐ **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
9.	_____ Assignment Papers (cover sheet & documents(s))
10.	_____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
	_____ b. Power of Attorney
11.	_____ English Translation Document (if applicable)
12.	_____ a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)
	_____ b. Copies of IDS Citations
13.	<u>  X  </u> Preliminary Amendment
14.	<u>  X  </u> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.	_____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	_____ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). <u>Applicant must attach form PTO/SB/35 or its equivalent.</u>
17A.	_____ Other: _____
<b>17B. <u>  X  </u> Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.</b>	
<b>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below <u>and</u> in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:</b>	
<div style="display: flex; justify-content: space-between;"> <span>_____ Continuation</span> <span><u>  X  </u> Divisional</span> <span>_____ Continuation-in-part (CIP)</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Of Prior Application No.: <u>10/066,089</u></span> <span>Examiner <u>Doan, Theresa T.</u></span> <span>Group Art Unit <u>2814</u></span> </div> <div style="font-size: small;">             (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____,              which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____) (List entire chain of priority)           </div>	
<b>Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</b>	
<b>19. Correspondence Address</b> _____ Customer Number or Bar Code Label <div style="display: flex; justify-content: space-between; align-items: center;"> <span>or</span> <span>(Insert Customer No. or Attach Bar Code Label)</span> </div>	
<u>  X  </u> Correspondence Address Below NAME _____ _____ ADDRESS <u>BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP</u> <u>12400 Wilshire Boulevard</u> <u>Seventh Floor</u> CITY <u>Los Angeles</u> STATE <u>California</u> ZIP CODE <u>90025</u> Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-8383</u>	
Name (PRINT/TYPE): <u>Kevin G. Shao</u> Registration No.: <u>45,095</u> Signature: <u><i>Kevin G. Shao</i></u> Date: <u>8/26/2003</u>	



**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Larg Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>F Paid</u>
<u>F e</u>	<u>Fee</u>	<u>F</u>	<u>Fee</u>		
<u>C d</u>	<u>(\$)</u>	<u>C de</u>	<u>(\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or ath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	110	2814	55	Statutory Disclaimer	
1810	750	2810	375	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,300	1454	1,300	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$** \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**Typed or Printed Name: Kevin G. ShaoSignature:  Date: 8/26/2003Reg. Number: 45,095 Telephone Number: 408-720-8300